

Fetal Bovine Serum, Characterized
Triple 0.1µm sterile filtered
9CFR Virus & Mycoplasma Tested
Origin: 100% Panama, Processed in USA

Catalog Number: 25-550, 25-550H
Lot Number: 132P22
Manufacture Date: 05/2022
Expiration Date: 05/2027

TEST	METHOD	SPECIFICATION	RESULT
Endotoxin	Current USP <85>, LAL	<10 EU/mL	<0.250 EU/mL
Hemoglobin	USP <90>	≤20 mg/dL	14.04 mg/dL

Microbiological Testing

TEST	METHOD	SPECIFICATION	RESULT
Sterility (Bacteria & Fungi)	9CFR 113.26, USP <71>	No Growth	No Growth
Mycoplasma	PCR	Not Detected	Not Detected

Viral Testing

TEST	METHOD	SPECIFICATION	RESULT
	9CFR 113.53c, 113.46		
Cytopathic Agents		Not Detected	Not Detected
Hemadsorbing Agents		Not Detected	Not Detected
Extraneous Virus (FAB)			
Bluetongue Virus		Not Detected	Not Detected
Bovine Adenovirus		Not Detected	Not Detected
Bovine Parvovirus		Not Detected	Not Detected
Bovine Respiratory Syncytial Virus		Not Detected	Not Detected
Rabies (Rabdovirus)		Not Detected	Not Detected
Reovirus		Not Detected	Not Detected
BVDV		Not Detected	Not Detected

Physical Analyses

TEST	METHOD	SPECIFICATION	UNITS	RESULT
Protein electrophoresis	Cellulose acetate			
Alpha 1 + 2		Check & Record	g/dL	1.7
Beta 1 + 2		Check & Record	g/dL	0.2
Gamma 1		Check & Record	g/dL	0.0
Osmolality	USP<785>	Check & Record	mOsm/Kg	318
pH	USP<791>	Check & Record	N/A	7.0



Certificate of Analysis

Biochemical Assay

Biochemical Assay	SPECIFICATION	UNITS	RESULT
Albumin	Check & Record	g/dL	1.7
Alkaline Phosphatase	Check & Record	U/L	365
Blood Urea Nitrogen (BUN)	Check & Record	mg/dL	17
Creatinine	Check & Record	mg/dL	2.9
Cholesterol	Check & Record	mg/dL	32
Glucose	Check & Record	mg/dL	47
AST (SGOT)	Check & Record	U/L	39
ALT (SGPT)	Check & Record	U/L	9
IgG (ELISA)	Check & Record	µg/mL	72.2
GGT	Check & Record	U/L	5
Total Bilirubin	Check & Record	mg/dL	0.1
Total Protein	Check & Record	g/dL	3.7
Triglycerides	Check & Record	mg/dL	63
Uric Acid	Check & Record	mg/dL	1.1
Calcium	Check & Record	mg/dL	14.2
Chloride	Check & Record	mEq/L	101
Inorganic Phosphorus	Check & Record	mg/dL	8.4
Iron	Check & Record	µg/dL	155
Potassium	Check & Record	mEq/L	10.8
Sodium	Check & Record	mEq/L	139

Hormone Profile

Hormone Profile	SPECIFICATION	UNITS	RESULT
Insulin	Check & Record	µIU/mL	7.550
Progesterone	Check & Record	ng/mL	<0.06
Testosterone	Check & Record	ng/mL	<0.01
T3	Check & Record	ng/mL	74.5
T4	Check & Record	µg/dL	14.0
Cortisol	Check & Record	µg/dL	<0.20

Intended Use: This product is intended for in vitro use only. This product is not intended for drug, human, or therapeutic use, and is not for human or animal consumption. **Country of Raw Material Origin:** This product was manufactured from fetal bovine blood collected exclusively from approved harvest facilities. All fetal bovine serum used in this product is derived from fetuses collected from cows that are of 100% Panama origin, have passed ante- and post-mortem inspection. **Country of Final Processing:** This product was processed in the USA under the strict guidance of cGMP guidelines the standardization and traceability blueprint established by the International Serum Industry Association (ISIA). **NOTICE:** Turbidity or flocculent debris may develop upon thawing or storage. This condition does not adversely affect performance characteristics of the serum.

Reviewed by

June 21, 2022

Approved by/Date

June 21, 2022

Verify by/Date